

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	17810	(esc (electrostatic adj chuck))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:03
L5	33	L3 and (gas same defective same wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:04
L6	1	L3 and (gas same (defective adj wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:06
L7	644	L3 and (gas same (defective fail failure break))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:06
L8	7	L3 and (gas same (defective fail failure break) adj (wafer dubstrate die plasma))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:11
L9	6	L3 and (vacuum same (defective fail failure break) adj (wafer dubstrate die plasma))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:11
S1	678	361/234.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:27
S2	19057	(esc ((electrostatic electro\$static (electro adj static)) adj (chuck\$3 clamp\$3 hold\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:40

## EAST Search History

S3	4094	S2 same gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:41
S4	1066	S3 same vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:43
S9	1	S4 same (("same" adj (conduit pipe tube)) bidirectional bi-directional)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:58
S10	3	S4 same (("same" adj (conduit pipe tube)) bidirectional bi-directional (both adj direction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 10:58
S11	9	S2 same (vacuum adj (gas air fluid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:01
S12	637	S2 same conduit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:18
S13	36	S2 same conduit and (vacuum near (gas fluid air))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:41
S16	55	S1 and (vacuum same (gas fluid air) same valve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:42

## EAST Search History

S17	1002	"5880923" "5872694" "6430022" "5684669" "5874361" "5837599" "6198616" "5740009" "5748435" "5856906" "5885428" "6005376" "6057244" "6067222" "6099697" "6163448" "6215640" "6219219" "6215640" "6219219" "6259592" "6304424" "6634177" "5835334" "6236555" "6169652" "5886866" "6535372" "6081414" "6170496" "6185085" "6238160" "5764471" "5903428" "5923521" "6117246" "6088213" "5745332" "5861086" "5948986" "5982607" "6075375" "6115232" "6409896" "6858265" "5542559" "5656093" "5825607" "5841624" "5863396" "6214413" "6217655" "6214413" "6217655" "6452775" "6787797" "6042686" "6239403" "5761023" "6394797" "5754391" "5796074" "5507874" "6104596" "6132517" "6151203" "6267839" "6377060" "6606234" "6639783" "6767844" "5790365" "5491603" "5886865" "4384918" "5179498" "5207437" "5382469" "5413360" "5459632" "5557215" "5566043" "5583736" "5591269" "5607541" "5612850" "5625526" "5663865" "5677824" "5818682" "5880924" "5897711" "5909355" "5914568" "6008549" "6035868" "6042901" "6069785" "6084763" "6104595"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:06
S18	134	"5413360" "5522131" "5812361" "6084763" "6370006" "6414834" "6557248" "6581275"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:12
S21	117	S1 and ((vacuum pump) same (gas air fluid coolant)) same ((line tube pipe conduit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:53
S22	60	S21 and conduit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:13

## EAST Search History

S23	280	S2 and (gas same conduit same vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:14
S24	135	S2 and (gas same conduit same vacuum)	USPAT	OR	ON	2006/03/30 17:04
S25	23	S2 and (gas near10 conduit near10 vacuum)	USPAT	OR	ON	2006/03/30 16:05
S26	8	S2 and ((gas near10 conduit near10 vacuum) same (computer microprocessor processor valve actuator relay))	USPAT	OR	ON	2006/03/30 16:31
S27	14	S2 and ((gas near20 conduit near20 vacuum) same (computer microprocessor processor valve actuator relay))	USPAT	OR	ON	2006/03/30 16:31
S28	6	S27 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:31
S29	17	S2 and ((purge adj gas) same conduit same vacuum)	USPAT	OR	ON	2006/03/30 16:59
S30	31	S2 and ((purge adj gas) same conduit same vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 19:13
S31	14	S30 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:59
S32	421	S2 and (gas same (conduit pipe tube conduct) same vacuum)	USPAT	OR	ON	2006/03/30 17:04
S33	176	S2 and (gas near15 (conduit pipe tube conduct) near15 vacuum)	USPAT	OR	ON	2006/03/30 17:34
S36	2	S2 and (gas near15 ("same" near5 (conduit pipe tube conduct)) near15 vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:36

## EAST Search History

S37	4	"6602380"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 18:41
S38	2	"6602380" and gas and vacuum and conduit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 18:42
S40	2	(gas same vacuum) and 10/695153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 19:56
S41	1	"6946403" and gas and vacuum and conduit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 19:57
S42	17810	(esc (electrostatic adj chuck))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 20:38
S43	7	S42 same ((sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) adj curvature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 20:51

## EAST Search History

S44	47	S42 same ((sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) adj (curvature arc arch arching bend bow curve curving curvity deflection flexure incurvation round shape flatness bend curvation round roundness archway deviation flection flexure tilt twist angle) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:10
S45	6	S42 same ((sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) adj (curvature arc arch arching bend bow curve curving curvity deflection flexure incurvation round shape flatness bend curvation round roundness archway deviation flection flexure tilt twist angle) )same circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 20:53

## EAST Search History

S46	6	S42 same ((sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) adj (curvature arc arch arching bend bow curve curving curvity deflection flexure incurvation round shape flatness bend curvation round roundness archway deviation flection flexure tilt twist angle) )same (circuit circuitry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:07
S47	17810	(esc (electrostatic adj chuck))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:08
S48	4	S47 same ((sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) adj (curvature arc arch arching bend bow curve curving curvity deflection flexure incurvation round shape flatness bend curvation round roundness archway deviation flection flexure tilt twist angle) )same (circuit circuitry) and inner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:08

## EAST Search History

S49	23	S47 same ((sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3) adj (curvature arc arch arching bend bow curve curving curvity deflection flexure incurvation round shape flatness bend curvation round roundness archway deviation flection flexure tilt twist angle)) and inner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:14
S51	1	S47 same ((inner same outer) adj (base plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:16
S53	11	S47 and ((inner same outer) adj (base plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:17
S54	3339	S47 and ((inner same outer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:32
S55	428	S47 and ((inner same outer)) and (vacuum same control same (air gas fluid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:21
S56	1	S47 and ((inner same outer)) and (vacuum same control same (air gas fluid)) and (mechanically adj decoupled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:22



## EAST Search History

S57	28	S47 and ((inner same outer)) and (vacuum same control same (air gas fluid)) and decoupled	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:22
S58	6	S47 and ((inner same outer same uncoupled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:33
S59	275	S47 and ((inner same outer same coupled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:38
S60	2594871	S47 and (inner same outer) or ring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:03
S61	6958	S47 and ((inner same outer) or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:38
S62	3339	S47 and ((inner same outer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 00:39
S63	917	S47 and ((inner same outer) same gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 01:22
S64	838	S47 and (concentric) and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 01:23

## EAST Search History

S66	60	S47 and (((chang\$3 modif\$3 adjust\$3) adj height) and chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 02:21
S68	1	S47 and (((((chang\$3 modif\$3 adjust\$3) adj height) and microprocessor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 02:22
S69	83	S47 and (((((chang\$3 modif\$3 adjust\$3) adj height) and (control microprocessor processor computer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 02:23